

IN THE CLAIMS

1. (Currently Amended) Apparatus adapted to be placed through a body tissue-~~(102)~~ and implanted in a vein-~~(130)~~ for the purpose of intake of fluid through an aperture thereof, comprising:

a hollow tube-~~(118)~~ defining at least one aperture-~~(134, 220)~~; and

at least one extension-~~(122, 312, 502)~~ operative to be at at least two positions with respect to said aperture, a first position near said aperture and a second position in which at least part of said extension extends away from said aperture, wherein if said aperture is blocked by an impediment, relative movement of said at least one extension with respect to said aperture, from said first position to said second position, operates to dislodge the impediment from said aperture.

2. (Currently amended) Apparatus according to claim 1 wherein said at least one aperture comprises a front ~~opening~~-inlet at a front end of said tube.

3. (Currently amended) Apparatus according to claim 1, wherein said at least one aperture comprises one or more side openings in a side of said tube.

4. (Currently amended) Apparatus according to claim 1 wherein said at least one aperture comprises at least one front opening at a front end of said tube and at least one side opening in a side of said tube.

5. (Currently amended) Apparatus according to claim 1 wherein said at least one extension is configured so that moving said at least one extension from said first position to said second position operates to displace an impediment which comprises an aggregate of solid material.

6. (Currently amended) Apparatus according to claim 1 wherein said at least one extension is configured so that moving said at least one extension from said first position to said second position operates to displace an impediment which is down-flow from said hollow tube.

7. (Currently amended) Apparatus according to claim 1 wherein said at least one extension is configured so that moving said at least one extension from said first position to said second position operates to displace an impediment which is at least partly within said hollow tube.

8. (Currently amended) Apparatus according to claim 1 wherein said at least one extension is configured so that moving said at least one extension from said first position to said second position operates to displace an impediment comprises comprising a venous valve.

9. (Currently amended) Apparatus according to claim 1 wherein said at least one extension is configured so that moving said at least one extension from said first position to said second position operates to displace an impediment comprises comprising body tissue.

10. (Original) Apparatus according to claim 9 wherein said body tissue is inflamed.

11. (Currently amended) Apparatus of claim 1 wherein said hollow tube is adapted to be implanted in a vein for the purpose of and withstand unimpeded intake of fluid for a period of one or more weeks.

12. (Currently amended) Apparatus of claim 1 wherein said hollow tube is adapted to be implanted in a vein for the purpose of and withstand unimpeded intake of fluid for a period of one or more months.

13. (Previously Presented) Apparatus according to claim 1, comprising an activating mechanism.

14. (Currently amended) Apparatus according to claim 13 wherein said activating mechanism causes said at least one extensions to extend from said first position to said second position.

15. (Currently amended) Apparatus according to claim 13 wherein said activating mechanism causes said at least one extensions to un-extend from said second position to said first position.

16. (Original) Apparatus according to claim 13 wherein said activating mechanism comprises a locking mechanism that, when unlocked, allows said extensions to extend from said first position to said second position.

17. (Previously Presented) Apparatus according to claim 13 wherein at least a portion of said activating mechanism is external to said body tissue.

18. (Previously Presented) Apparatus according to claim 13 wherein a portion of said one or more extensions is external to said body tissue.

19. (Previously Presented) Apparatus according to claim 13 wherein the activating mechanism is manually activated.

20. (Currently amended) Apparatus according to claim 13 wherein the activating mechanism is automatically activated.

21. (Currently amended) Apparatus according to claim 1 adapted so that said relative movement of said at least one extension~~extending of said extensions~~ occurs prior to said intake of fluid.

22. (Currently amended) Apparatus according to claim 1 adapted so that said relative movement of said at least one extension~~extending of said extensions~~ occurs during said intake of fluid.

23. (Currently amended) Apparatus according to claim 1 adapted so that said relative movement of said at least one extension~~extending of said extensions~~ occurs following said intake of fluid.

24. (Currently amended) Apparatus according to claim 1 adapted so that at least some relative movement of said at least one extension~~extending of said extensions~~ takes place irrespective of intake of fluid.

25. (Previously Presented) Apparatus according to claim 1 wherein at least part of said one or more extensions, overlaps a front end of said tube when said extensions are in a first position.

26. (Currently amended) Apparatus according to claim 1 wherein said at least one aperture is covered by said ~~one or more~~ at least one extensions in said first position.

27. (Currently amended) Apparatus according to claim 1 wherein said at least one apertures ~~are~~ is arranged to be covered in said first position.

28. (Currently amended) Apparatus according to claim 1 wherein one or more of said ~~catheter~~ hollow tube and said at least one extensions comprise a material that prevents or retards aggregation of solids from said ~~body~~ fluid.

29. (Currently amended) Apparatus according to claim 1 wherein one or more of said hollow tube ~~catheter~~ and said at least one extensions comprise a material that prevents or retards clot formation.

30. (Currently amended) Apparatus according to claim 1 wherein one or more of said hollow tube ~~catheter~~ and said at least one extensions comprise a material that prevents or retards body tissue inflammatory response.

31. (Currently amended) Apparatus according to claim 1 wherein one or more of said hollow tube ~~catheter~~ and said at least one extensions comprise a material that prevents or retards bacteria colonization.

32. (Currently amended) Apparatus according to claim 1 wherein the ~~one or more~~ at least one extensions comprises expandable elements.

33. (Currently amended) Apparatus according to claim 32 wherein said ~~one or more~~ at least one expandable elements expands when filled with expansion fluid.

34. (Currently amended) Apparatus according to claim 33, comprising an activating mechanism including a reservoir containing expansion fluid connected to said ~~one or more~~ at least one expandable element ~~extensions~~.

35. (Currently amended) Apparatus according to claim 33 wherein said expansion fluid comprises a material that affects the formation of impediments and wherein said at least one expandable element is at least partly permeable to said material.

36. (Previously Presented) Apparatus according to claim 1 wherein the one or more extensions comprise an extension with a deformable area.

37. (Original) Apparatus according to claim 36, wherein when said deformable area deforms, said extension extends from said first position to said second position.

38. (Previously Presented) Apparatus according to claim 36 wherein when said extension un-extends from said second position to said first position, said deformable area returns to its pre-deformed state.

39. (Currently amended) Apparatus according to claim 1 wherein the ~~one or more~~ at least one extensions comprise resilient extensions.

40. (Previously Presented) Apparatus according to claim 1, comprising a sheath for selectively controlling a position to which said extensions extend.

41. (Original) Apparatus according to claim 40, wherein when said at least one extension exits distally from said sheath they deflect radially.

42. (Previously Presented) Apparatus according to claim 1, comprising an extension tube of which said extensions form a distal section, wherein axial distal motion of said extension tube causes said extensions to extend.

43. (Original) Apparatus according to claim 42, wherein a distal section of said extension tube is axially fixed to a front of said hollow tube and wherein said extension tube is slotted.

44. (Currently amended) Apparatus according to claim 1, wherein said at least one extensions ~~are~~is adapted for an arm vein.

45. (Currently amended) Apparatus according to claim 1, wherein said at least one extensions ~~are~~is adapted for a non-vein vessel.

46. (Previously Presented) Apparatus according to claim 1, wherein said positions are axially displaced.

47. (Previously Presented) Apparatus according to claim 1, wherein said positions are radially displaced.

48. (New) A method of taking fluid from a vein, the method comprising of:
 implanting an apparatus in a vein, the apparatus comprising of:
 a hollow tube defining at least one aperture; and
 at least one extension;
 taking fluid from the vein through said at least one aperture; and
 displacing an impediment from said at least one aperture by extending said at least one extension.